## ANALYTICA CHIMICA ACTA

(Abstracted, indexed in: Anal. Abstr.; Biol. Abstr.; Chem. Abstr.; Curr. Contents Phys. Chem. Earth Sci.; Life Sci.; Index Med.; Mass Spectrom. Bull.; Sci. Citation Index; Excerpta Med.)

Vol. 196	CONTENTS	May 15, 198	37
	cal Techniques, Proceedings of the 10th International Sympos 5–29, 1986. Part II. For Part I see Vol. 195.	ium held at	
Foreword by R. Gijbels (Wilr	rijk, Belgium)		>
Trends in optical spectrochen	mical trace analysis with plasma sources		
Determination of trace metal absorption spectrometry a	nund, F.R.G.)	mal atomic	1
Station, TX, U.S.A.)			23
spectrometry	ea water by cation-exchange separation and electrothermal at	omic absorption	
	W. Baeyens, P. van den Winkel (Brussels, Belgium) and M. Hoe		33
	aces of boron in waters, fertilizers and geological and biological		33
	ruggen, F. Hendrickx and P. de Bièvre (Geel, Belgium)		41
	etals in ores and rocks by thermal neutron activation/ $\gamma$ -spectrosl sulphide fire assay and coprecipitation with tellurium	ometry after	
	and R. Gijbels (Wilrijk, Belgium)		49
	ordenmark (Uppsala, Sweden)		59
	ermal-desorption gas chromatography/Fourier-transform infra Haas (Eindhoven, The Netherlands)		69
Some newer approaches to an	nalyte isolation in pesticide residue analysis		
Home-made thermal desorption	Gt. Britain)		75
environmental pollutants	Lievens (Boeretang, Belgium)		35
	procedure for screening of pesticides by extraction with ethy		30
A. H. Roos, A. J. van Mun	steren, F. M. Nab and L. G. M. Th. Tuinstra (Wageningen, The on of aluminum in biological fluids by size-exclusion chromato		95
H. Keirsse, J. Smeyers-Ver	beke, D. Verbeelen and D. L. Massart (Brussels, Belgium)		)3
	Barroso and J. A. Perez-Bustamante (Cadiz, Spain)		5
pigments in artists' paints	derivative spectrophotometry for identification and estimation		
	olajić (Garching, F.R.G.)		3
reactions with and without	t luminol ownshend (Hull, Gt. Britain)	13	15
	h carbon fiber electrodes in a microliter-capacity cell		
A flow cell with flexible depor	sition efficiency for a dual-detection system based on potenti		1
analysis and atomic absorp	ortion spectrometry		3

## (Contents continued)

Entwicklung einer Fließinjektionsmethode zur Bestimmung von Chlorid im spurenbereich durch	
Leitfähigkeitsdifferenzen	
G. Lach und K. Bächmann (Darmstadt, F.R.G.)	163
Determination of microgram amounts of carbon in the form of carbamate by non-aqueous electrolytic conductivity detection	
I. Gács, K. Payer and L.Ötvös (Pusztaszeri, Hungary)	171
A novel approach to decomposition of foodstuffs for stripping voltammetric determination of lead, cadmium and copper	
B. Ogorevc, A. Krašna and V. Hudnik (Ljubljana, Yugoslavia)	183
Applications of polarography and voltammetry in analysis for drugs	103
G. J. Patriarche and JC. Vire (Brussels, Belgium)	193
Polarographic behaviour and hydrolysis of midazolam and its metabolites	100
JC. Vire, G. J. Patriarche (Brussels, Belgium) and B. G. Hermosa (Bilbao, Spain)	205
Voltammetric study and determination of cacotheline	
K. Vijayalakshmi and K. Saraswathi (Tirupati, India)	213
Determination of low levels of cyanide with a silver/silver sulphide wire electrode	
V. M. Jovanović, M. S. Jovanović (Belgrade, Yugoslavia) and M. Sak-Bosnar (Osijek, Yugoslavia)	221
Electrogenerated iodine as a reagent for coulometric titrations in alcoholic media	
T. J. Pastor and V. V. Antonijević (Belgrade, Yugoslavia)	229
Evaluation of the fundamental sampling error in the sampling of particulate solids	
P. Minkkinen (Lappeenranta, Finland)	237
Short Communications	
Simplified post-column reduction and fluorescence detection for the high-performance liquid chromatographic	
determination of vitamin K <sub>1 (20)</sub>	
W. E. Lambert and A. P. De Leenheer (Gent, Belgium)	247
Determination of glutathione in biological material by high-performance liquid chromatography with electrochemical detection	
W. Buchberger (Bad Hall, Austria) and K. Winsauer (Linz, Austria)	251
Determination of $\beta$ -adrenoreceptor antagonists in urine by high-performance liquid chromatography with	
diode-array spectrophotometric detection	
L. Ye and Z. Xiangxi (Beijing, China)	255
Evaluation of enzymatic kinetic parameters by thin-layer chromatography with radiometric detection	
E. Gattavecchia, D. Tonelli and P. Bosco (Bologna, Italy)	259
Determination of microgram amounts of azide by gas chromatography	
E. Kubaszewski, Z. Kurzawa and M. Łożynski (Poznań, Poland)	267
Factors influencing sensitivity and accuracy for the determination of alkylselenides and tetraalkyllead	
compounds by gas chromatography/atomic absorption spectrometry	274
S. G. Jiang (Baoding, China), D. Chakraborti and F. Adams (Wilrijk, Belgium)	271
sample introduction	
S. Gücer and M. Demir (Malatya, Turkey)	277
Determination of lithium in wines by atomic absorption spectrometry	211
C. Baluja-Santos, A. González-Portal and J. M. Bouzas-Bouzas (Santiago de Compostela, Spain)	283
Preconcentration and determination of trace metals in synthetic sea water by flotation with inert organic collectors	200
M. Caballero, R. Lopez, R. Cela and J. A. Perez-Bustamante (Cadiz, Spain)	287
The application of the Růžička-type iodide-selective electrode for the determination of cyanide in alcoholic drinks	
M. V. Budimir, M. Sak-Bosnar (Osijek, Yugoslavia) and M. S. Jovanović (Belgrade, Yugoslavia)	293
Microdetermination of alkaloids in organic solvents by potentiometric titration	
CY. Wang, DH. Zhang, YL. Guo, HM. Zhong and ML. Wen (Yunnan, China)	299
Native peroxyoxalate chemiluminescence from the reaction of bis (2,4-dinitrophenyl) oxalate and hydrogen	
peroxide perturbed by nonfluorophores	
A. C. Capomacchia, R. N. Jennings, S. M. Hemingway, P. D'Souza, W. Prapaitrakul and A. Gingle	
(Athens, GA, U.S.A.)	305

Spectrophotometric determination of zinc in cooking salts, tap and mineral waters with phenylglyoxal mono(2-pyridyl)hydrazone	
A. G. Asuero, M. L. Marques and M. A. Herrador (Seville, Spain)	311
Spectrophotometric determination of traces of platinum in palladium with dithizone after matrix precipitation as a compound with ammonia and iodide	
Z. Marczenko and S. Kuś (Warsaw, Poland)	317
Comparison of two chelating agents immobilized on controlled-pore glass for the preconcentration of aluminium from aqueous solutions	
E. A. Allen, M. C. Boardman and B. A. Plunkett (Portsmouth, Gt. Britain)	323
Complexation of iron(III) by pimelyldihydroxamic acid	
R. McMahon, N. Ni Choileain and J. D. Glennon (Cork, Ireland)	329
Use of acetohydroxamic acid in the direct spectrophotometric determination of iron(III) and iron(III) by flow injection analysis	
A. T. Senior and J. D. Glennon (Cork, Ireland)	333
Radio-isotope neutron activation analysis for vanadium, manganese and tungsten in alloy steels	
S. M. L. Galdino, C. C. Dantas (Recife, Brazil) and R. van Grieken (Wilrijk, Belgium)	337
n-Octylphenyl hydrogen phosphate as an extractant for some lanthanides	
S. S. V. Rama Kumar, O. V. Singh and S. N. Tandon (Roorkee, U.P., India)	345
Oxidimetric titration of triphenyl derivatives of phosphorus, arsenic, antimony and bismuth with N-bromosuccinimide	
Y. A. Gawargious, M. E. M. Hassouna and H. N. A. Hassan (Cairo, Egypt)	351
Determination of sulphur in organometallic compounds by the oxygen flask method	
P. Borda (Vancouver, B.C., Canada)	355
Author Index	350

